

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	"20020062374".pn.	US-PGPUB	OR	ON	2005/01/21 08:16
S2	1	"6831908".pn.	USPAT	OR	ON	2005/01/18 11:11
S3	7	server and client and traffic and "log\$in time" and "application server" and packet and @ad<"20001122"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/19 09:32
S6	1	709/225.ccls. and "disconnecting client" and network and @ad<"20001122"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/19 09:42
S7	6	709/225.ccls. and (disconnect near client) and network and @ad<"20001122"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/19 09:47
S9	49	709/225.ccls. and disconnect\$4 and traffic and packet and network and @ad<"20001122"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/19 09:51
S12	31	"disconnect condition" and traffic and @ad<"20001122"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/19 09:53
S13	4	"disconnect condition" and "connection state" and @ad<"20001122"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/19 09:53
S26	90	(network near administration) and monitor\$3 and connection and disconnect\$4 and traffic and packet and @ad<"20001122"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/19 10:12
S27	4	(server near "log\$off") and @ad<"20001122"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/19 10:36
S28	43	"non-communication time" and @ad<"20001122"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/19 10:34

## EAST Search History

S29	26	(allowable near traffic) and @ad<"20001122"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/19 10:38
S31	28	(ISP or "service provider") and disconnect and traffic and time\$out and "packet transfer" and @ad<"20001122"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/19 10:40
S32	14	("5752003"   "5764639").PN. OR ("6075776").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/01/19 15:18
S37	72	370/254.ccls. and disconnect	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/19 16:06
S42	22	("internet service provider" or isp) and disconnect and idle and client and server and (logon or "log on" or "log in") and @ad<"20001122"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/19 16:20
S43	10	("internet service provider" or isp) and ("load balance" or "load balancing") and disconnect and idle and client and server and (logon or "log on" or "log in") and @ad<"20001122"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/19 16:21
S51	87	(disconnect or "log-off" or "log off" or disconnection) and network and server and client and idle and packet and counter and traffic and application and priority and @ad<"20001122"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/21 08:19
S53	6	disconnect and traffic and (volume near packet) and @ad<"20001122"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/21 09:42
S54	14	("5752003"   "5764639").PN. OR ("6075776").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/01/21 10:26
S55	71	("5598536"   "5602846"   "5636218").PN. OR ("5764639").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/01/21 10:46
S56	21	("5598536"   "5602846"   "5636218").PN. OR ("5764639").URPN. and disconnect	US-PGPUB; USPAT; USOCR	OR	ON	2005/01/21 10:46

## EAST Search History

S57	97	("3072746"   "3334190"   "3363063"   "3406262"   "3409741"   "3427402"   "3469036"   "3484561"   "3531597"   "3573389"   "3959600"   "4247571"   "4313036"   "4348554"   "4546212"   "4547880"   "4757267"   "4757495"   "4792967"   "4812786"   "4899373"   "4914619"   "5012511"   "5023868"   "5073890"   "5077789"   "5159592"   "5159594"   "5164982"   "5173934"   "5185742"   "5206899"   "5214641"   "5287199"   "5289528"   "5291551"   "5315647"   "5323398"   "5361295"   "5392345"   "5392346"   "5410543"   "5416834"   "5422940"   "5428608"   "5450482"   "5452347"   "5459780"   "5471318"   "5490212"   "5513251"   "5533102"   "5537401"   "5544229"   "5546452"   "5548636"   "5550906"   "5577110"   "5583862"   "5583997"   "5598536"   "5602846"   "5619557"   "5625681"   "5636218"   "5649105"   "5652866"   "5657377"   "5657383"   "5689550"   "5689553"   "5703943"   "5737333"   "5742675"   "5751338"   "5764279"   "5764639"   "5784546"   "5805587"   "5809128"   "5812533"   "5812786"   "5812819"   "5828746"   "5870465").PN. OR ("6301339").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/01/21 10:50
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## EAST Search History

S60.	95	( "3072746"   "3334190"   "3363063"   "3406262"   "3409741"   "3427402"   "3469036"   "3484561"   "3531597"   "3573389"   "3959600"   "4247571"   "4313036"   "4348554"   "4546212"   "4547880"   "4757267"   "4757495"   "4792967"   "4812786"   "4899373"   "4914619"   "5012511"   "5023868"   "5073890"   "5077789"   "5159592"   "5159594"   "5164982"   "5173934"   "5185742"   "5206899"   "5214641"   "5287199"   "5289528"   "5291551"   "5315647"   "5323398"   "5361295"   "5392345"   "5392346"   "5410543"   "5416834"   "5422940"   "5428608"   "5450482"   "5452347"   "5459780"   "5471318"   "5490212"   "5513251"   "5533102"   "5537401"   "5544229"   "5546452"   "5548636"   "5550906"   "5577110"   "5583862"   "5583997"   "5598536"   "5602846"   "5619557"   "5625681"   "5636218"   "5649105"   "5652866"   "5657377"   "5657383"   "5689550"   "5689553"   "5703943"   "5737333"   "5742675"   "5751338"   "5764279"   "5764639"   "5784546"   "5805587"   "5809128"   "5812533"   "5812786"   "5812819"   "5828746"   "5870465").PN. OR ("6301339").URPN. and disconnect and traffic and packet	US-PGPUB; USPAT; USOCR	OR	ON	2005/01/21 10:50
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## EAST Search History

S62	6	(("3072746"   "3334190"   "3363063"   "3406262"   "3409741"   "3427402"   "3469036"   "3484561"   "3531597"   "3573389"   "3959600"   "4247571"   "4313036"   "4348554"   "4546212"   "4547880"   "4757267"   "4757495"   "4792967"   "4812786"   "4899373"   "4914619"   "5012511"   "5023868"   "5073890"   "5077789"   "5159592"   "5159594"   "5164982"   "5173934"   "5185742"   "5206899"   "5214641"   "5287199"   "5289528"   "5291551"   "5315647"   "5323398"   "5361295"   "5392345"   "5392346"   "5410543"   "5416834"   "5422940"   "5428608"   "5450482"   "5452347"   "5459780"   "5471318"   "5490212"   "5513251"   "5533102"   "5537401"   "5544229"   "5546452"   "5548636"   "5550906"   "5577110"   "5583862"   "5583997"   "5598536"   "5602846"   "5619557"   "5625681"   "5636218"   "5649105"   "5652866"   "5657377"   "5657383"   "5689550"   "5689553"   "5703943"   "5737333"   "5742675"   "5751338"   "5764279"   "5764639"   "5784546"   "5805587"   "5809128"   "5812533"   "5812786"   "5812819"   "5828746"   "5870465").PN. OR ("6301339"). URPN.) and disconnect and traffic and packet and @ad<"20001122"	US-PGPUB; USPAT; USOCR	OR	ON	2005/01/21 10:52
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## EAST Search History

S64	20	("6191699" "6016535" "6111570" "6141737" "6075776" "6272148" "5619645" "6035324" "6070184" "6144973" "6173184" "5564017" "5781738" "6185617" "5826027" "5914713" "6047319" "5652892" "5787470" "5838682" "5920865" "6081623" "6085238" "6118899" "6160808" "6240462" "6289377" "6304576" "6360265" "6421726" "6421782" "6469998" "6522645" "6567848" "6604142" "6647001" "6826616" "6839759" "6101188" "5845280" "6065046" "5764900" "5778183" "5802064" "6006268" "6055576" "6175874" "6282642" "6289012" "6298380").pn. and disconnect	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/21 10:57
S66	16	"network management" and disconnect and traffic and packet and "client terminals" and @ad<"20001122"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/21 11:01
S67	1	"network management" and "data volume" near packet and @ad<"20001122"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/21 11:02
S69	60	"network management" and (size near packet) and traffic and disconnect and @ad<"20001122"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/21 11:10
S71	27	"network management" and clients and longest and disconnect and @ad<"20001122"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/21 11:23
S72	27	(policy near based near routing) and traffic and packet and @ad<"20001122"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/21 11:24
S73	3	(policy near based near routing) and traffic and packet and disconnect and @ad<"20001122"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/21 11:24

## EAST Search History

S75	3	(network near congestion near (control or management)) and traffic and packet and longest and @ad<"20001122"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/21 11:30
S77	1	"6075776".pn.	USPAT	OR	ON	2005/06/14 16:46
S78	1	"6192396".pn.	USPAT	OR	ON	2005/10/04 10:26
S79	64	"disconnection conditions"	USPAT	OR	ON	2005/12/28 16:41
S88	645	network and ((disconnection or termination) adj (reason\$1 or situation\$1 or scenario\$1 or trigger\$1 or condition\$1))	USPAT	OR	ON	2006/01/05 11:15
S89	125	network and session and ((disconnection or termination) adj (reason\$1 or situation\$1 or scenario\$1 or trigger\$1 or condition\$1))	USPAT	OR	ON	2006/01/05 09:54
S90	30	network and (different near5 ((disconnection or termination) adj (reason\$1 or situation\$1 or scenario\$1 or trigger\$1 or condition\$1)))	USPAT	OR	ON	2006/01/05 09:33
S92	7	network and session and ((disconnection or termination) adj (reason\$1 or situation\$1 or scenario\$1 or trigger\$1 or condition\$1)) and log\$off	USPAT	OR	ON	2006/01/05 09:56
S94	582	network and (idle adj time) and disconnect\$4	USPAT	OR	ON	2006/01/05 09:59
S96	326	network and (idle adj time) and disconnect\$4 and (throughput or traffic)	USPAT	OR	ON	2006/01/05 10:01
S98	195	network and ((idle adj time) or timeout) and disconnect\$4 and (throughput or traffic) and (packet adj size)	USPAT	OR	ON	2006/01/05 10:04
S99	19	network and ((idle adj time) or timeout) near5 disconnect\$4 and (throughput or traffic) and (packet adj size)	USPAT	OR	ON	2006/01/05 10:12
S100	2	security and network and ((idle adj time) or timeout) near5 disconnect\$4 and (throughput or traffic) and (packet adj size)	USPAT	OR	ON	2006/01/05 10:14
S101	681	disconnect\$3 near5 client	USPAT	OR	ON	2006/01/05 10:14
S103	22	(different near5 disconnect\$4 near5 condition\$1)	USPAT	OR	ON	2006/01/05 10:35

## EAST Search History

S10 4	1414	network and (disconnect\$4 near5 conditions)	USPAT	OR	ON	2006/01/05 11:01
S10 5	4	network and (disconnect\$4 near5 conditions) and (longest adj time)	USPAT	OR	ON	2006/01/05 10:36
S10 7	26	network and (disconnect\$4 near5 conditions) and ((Service adj Level adj Agreement) or SLA)	USPAT	OR	ON	2006/01/05 11:07
S10 9	59	network and (disconnect\$4 near5 conditions) and ((Service adj Level adj Agreement) or SLA or contract or (service adj plan))	USPAT	OR	ON	2006/01/05 11:08
S11 0	6	("6148290"   "6226692"   "6336148").PN. OR ("6519627").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/05 11:10
S11 1	44	network and ((disconnection or termination) adj (reason\$1 or situation\$1 or scenario\$1 or trigger\$1 or condition\$1)) and ((Service adj Level adj Agreement) or SLA or contract or (service adj plan))	USPAT	OR	ON	2006/01/05 11:22
S11 2	83	((disconnection or termination) adj (reason\$1 or situation\$1 or scenario\$1 or trigger\$1 or condition\$1)) and ((Service adj Level adj Agreement) or SLA or contract or (service adj plan))	USPAT	OR	ON	2006/07/24 10:59
S11 4	27	(automatic adj (disconnection or termination)) and ((Service adj Level adj Agreement) or SLA or contract or (service adj plan))	USPAT	OR	ON	2006/01/05 11:58
S11 5	31	(automatic adj (disconnection or termination)) and ((service adj provider) or ISP)	USPAT	OR	ON	2006/01/05 12:07
S11 7	1391	disconnection and contract	USPAT	OR	ON	2006/01/05 12:10
S11 8	295	network and disconnection and contract	USPAT	OR	ON	2006/01/05 12:10
S12 1	3	network and ((disconnection or termination) adj conditions) and contract and ((quality adj of adj service) or QoS)	USPAT	OR	ON	2006/01/05 12:15
S12 2	11	("4706275"   "5181107"   "5524142"   "5748720"   "5802156"   "5909485"   "6266401"   "6337903"   "6381316"   "6741686"   "6760417").PN. OR ("6947535").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/05 12:14



## EAST Search History

S12 3	3	network and ((disconnection or termination) adj conditions) and contract and ((quality adj of adj service) or QoS)	US-PGPUB	OR	ON	2006/01/05 13:57
S12 4	21	different near5 timeout\$1 near5 user	US-PGPUB	OR	ON	2006/01/05 13:59
S12 5	303	different near5 ((data adj volume) or throughput or time\$out or traffic) near5 user	US-PGPUB	OR	ON	2006/01/05 14:00
S12 6	31	different adj ((data adj volume) or throughput or time\$out or traffic) near5 user	US-PGPUB	OR	ON	2006/01/05 14:01
S12 7	60	different adj ((data adj volume) or throughput or time\$out or traffic) near5 user	US-PGPUB; USPAT	OR	ON	2006/01/05 14:02
S12 8	1387	(different adj ((data adj volume) or throughput or time\$out or traffic) near5 user) contract and ((quality adj of adj service) or QoS)	US-PGPUB; USPAT	OR	ON	2006/01/05 14:02
S12 9	8	(different adj ((data adj volume) or throughput or time\$out or traffic) near5 user) and contract and ((quality adj of adj service) or QoS)	USPAT	OR	ON	2006/01/05 14:04
S13 0	8	(different adj ((data adj volume) or throughput or time\$out or traffic or (differentiat\$3 adj services)) near5 user) and contract and ((quality adj of adj service) or QoS)	USPAT	OR	ON	2006/01/05 14:07
S13 1	32	("20020010793"   "20020099855"   "5265207"   "5311509"   "5329623"   "5537403"   "5745488"   "5781549"   "5794073"   "5831980"   "5841772"   "5841874"   "5892761"   "5938736"   "5938763"   "5999518"   "6064677"   "6088355"   "6122274"   "6147996"   "6173386"   "6259699"   "6310893"   "6324164"   "6377574"   "6377583"   "6377998"   "6389031"   "6421342"   "6426957"   "6510509").PN. OR ("6757249"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/05 14:06
S13 2	61	((different adj traffic) or (differentiat\$3 adj services)) near5 user	USPAT	OR	ON	2006/01/05 14:07
S13 3	38	(differentiat\$3 adj services) near5 user	USPAT	OR	ON	2006/01/05 19:51

## EAST Search History

S13 4	5	("6118785"   "6404737"   "6512754"   "6667971"   "6804776").PN. OR ("6901079").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/05 14:09
S13 5	10	("4104718"   "6021263"   "6160818"   "6385169"   "6463470"   "6466984"   "6553413"   "6577628"   "6587433"   "6657960").PN. OR ("6816907").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/05 14:13
S13 6	10	("4104718"   "6021263"   "6160818"   "6385169"   "6463470"   "6466984"   "6553413"   "6577628"   "6587433"   "6657960").PN. OR ("6816907").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/05 19:50
S13 7	68	(differentiat\$3 adj services) and disconnect\$4	USPAT	OR	ON	2006/01/05 19:54
S13 8	0	(differentiat\$3 adj servic\$3) and ((disconnect\$4 or terminat\$3) adj (reason\$1 or situation\$1 or scenario\$1 or trigger\$1 or condition\$1))	USPAT	OR	ON	2006/01/05 19:53
S14 1	1	(maximum near5 number near5 (connect\$5 or session\$1)) near5 server near5 (disconnect\$4 or terminat\$4)	USPAT	OR	ON	2006/01/06 10:42
S14 2	1	(maximum near5 number near5 (connect\$5 or session\$1)) near5 server near5 (disconnect\$4 or terminat\$4 or drop\$5)	USPAT	OR	ON	2006/01/06 12:44
S14 4	3	((maximum or total) near5 (connect\$5 or session\$1 or users)) near5 server near5 (disconnect\$4 or terminat\$4 or drop\$5)	USPAT	OR	ON	2006/01/06 12:45
S14 5	26	("5519707"   "5553239"   "5553242"   "5617540"   "5682478"   "5812819"   "5894554"   "5898761"   "5958014").PN. OR ("6105067").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/06 12:46
S14 6	7	((("5519707"   "5553239"   "5553242"   "5617540"   "5682478"   "5812819"   "5894554"   "5898761"   "5958014").PN. OR ("6105067").URPN.) and maximum and (disconnect\$4 or terminat\$4 or drop\$5)	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/06 12:46
S14 7	34	(differ\$4 near5 disconnect\$4 near5 conditions)	USPAT	OR	ON	2006/07/24 10:10
S14 8	29	@ad<"20001122" and (differ\$4 near5 disconnect\$4 near5 conditions)	USPAT	OR	ON	2006/07/24 10:11

## EAST Search History

S14 9	9	@ad<"20001122" and (differ\$4 near5 disconnect\$4 near5 conditions) and network	USPAT	OR	ON	2006/07/24 10:25
S15 0	1307	@ad<"20001122" and (disconnect\$4 near5 conditions) and network	USPAT	OR	ON	2006/07/24 10:26
S15 2	16	@ad<"20001122" and (disconnect\$4 near5 conditions) and network and ("idle time" or (bandwidth adj exceed\$3))	USPAT	OR	ON	2006/07/24 10:48
S15 3	12	@ad<"20001122" and (("service level agreement" or SLA) or (QoS or "Quality of Service")) near5 disconnect\$4	USPAT	OR	ON	2006/07/24 10:45
S15 4	24	((("service level agreement" or SLA) or (QoS or "Quality of Service")) near5 disconnect\$4	US-PGPUB	OR	ON	2006/07/24 10:46
S15 5	33	(disconnect\$4 near5 conditions)and ("idle time" or (bandwidth adj exceed\$3))	USPAT	OR	ON	2006/07/24 10:49
S15 6	16	(disconnect\$4) near5 ("idle time" or (bandwidth adj exceed\$3))	USPAT	OR	ON	2006/07/24 10:50
S15 7	21	(disconnect\$4) near5 ("idle time" or (bandwidth adj exceed\$3))	US-PGPUB; USPAT	OR	ON	2006/07/24 10:51
S15 8	1	(disconnect\$4) near5 (idle and bandwidth)	US-PGPUB; USPAT	OR	ON	2006/07/24 10:52
S15 9	1	(disconnect\$4) near5 (idle and bandwidth and users)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/24 10:52
S16 0	67	@ad<"20001122" and (((disconnection or termination) adj (reason\$1 or situation\$1 or scenario\$1 or trigger\$1 or condition\$1)) and ((Service adj Level adj Agreement) or SLA or contract or (service adj plan)))	USPAT	OR	ON	2006/07/24 11:00
S16 1	21	@ad<"20001122" and (((disconnection or termination) adj (reason\$1 or situation\$1 or scenario\$1 or trigger\$1 or condition\$1)) and ((Service adj Level adj Agreement) or SLA or contract or (service adj plan))) and idle)	USPAT	OR	ON	2006/07/24 11:02

## EAST Search History

S16 2	5	@ad<"20001122" and (((multiple or several) adj (disconnection or termination) adj (reason\$1 or situation\$1 or scenario\$1 or trigger\$1 or condition\$1))))	USPAT	OR	ON	2006/07/24 11:03
S16 3	515	@ad<"20001122" and (modem adj pool)	USPAT	OR	ON	2006/07/24 11:04
S16 4	240	@ad<"20001122" and (modem adj pool) and (disconnect\$4)	USPAT	OR	ON	2006/07/24 11:04
S16 5	28	@ad<"20001122" and (modem adj pool) and (disconnect\$4) near5 (reason\$1 or situation\$1 or scenario\$1 or trigger\$1 or condition\$1)	USPAT	OR	ON	2006/07/24 11:12
S16 6	23	("20020004833"   "5701301"   "5761290"   "5774533"   "5867498"   "5898839"   "5915008"   "5933490"   "6084875"   "6112305"   "6115460"   "6181787"   "6246755"   "6266699"   "6292479"   "6324579"   "6333931"   "6335968"   "6389131"   "6415027"   "6459783").PN. OR ("6584097"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/24 11:07
S16 7	13	((("20020004833"   "5701301"   "5761290"   "5774533"   "5867498"   "5898839"   "5915008"   "5933490"   "6084875"   "6112305"   "6115460"   "6181787"   "6246755"   "6266699"   "6292479"   "6324579"   "6333931"   "6335968"   "6389131"   "6415027"   "6459783").PN. OR ("6584097"). URPN.) and disconnect\$5	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/24 11:07
S16 8	49	@ad<"20001122" and (modem adj pool) and (disconnect\$4 or terminat\$5) near5 (reason\$1 or situation\$1 or scenario\$1 or trigger\$1 or condition\$1)	USPAT	OR	ON	2006/07/24 11:14
S16 9	20377	@ad<"20001122" and (disconnect\$4 or terminat\$5) near5 (reason\$1 or situation\$1 or scenario\$1 or trigger\$1 or condition\$1)	USPAT	OR	ON	2006/07/24 11:16
S17 0	112	@ad<"20001122" and (disconnect\$4 or terminat\$5) near5 (reason\$1 or situation\$1 or scenario\$1 or trigger\$1 or condition\$1) near5 (idle or "bandwidth exceeded")	USPAT	OR	ON	2006/07/24 11:16

## EAST Search History

S17 4	3	@ad<"20001122" and (disconnect\$4 or terminat\$5) near5 (reason\$1 or situation\$1 or scenario\$1 or trigger\$1 or condition\$1) and "bandwidth exceeded"	USPAT	OR	ON	2006/07/24 13:12
S17 5	2494	@ad<"20001122" and (disconnect\$4 or terminat\$5) near5 (reason\$1 or situation\$1 or scenario\$1 or trigger\$1 or condition\$1) and ("bandwidth exceeded" or idle)	USPAT	OR	ON	2006/07/24 13:12
S17 6	1	@ad<"20001122" and (disconnect\$4 or terminat\$5) near5 (reason\$1 or situation\$1 or scenario\$1 or trigger\$1 or condition\$1) and ("bandwidth exceeded" and idl\$3)	USPAT	OR	ON	2006/07/24 13:13
S17 7	962	@ad<"20001122" and (disconnect\$4 or terminat\$5) near5 (reason\$1 or situation\$1 or scenario\$1 or trigger\$1 or condition\$1) and (volume and idl\$3)	USPAT	OR	ON	2006/07/24 13:14
S17 8	4	@ad<"20001122" and (disconnect\$4 or terminat\$5) near5 (reason\$1 or situation\$1 or scenario\$1 or trigger\$1 or condition\$1) same (volume and idl\$3)	USPAT	OR	ON	2006/07/24 13:14
S17 9	11	@ad<"20001122" and (disconnect\$4 or terminat\$5) near5 (reason\$1 or situation\$1 or scenario\$1 or trigger\$1 or condition\$1) and ("data volume" and idl\$3)	USPAT	OR	ON	2006/07/24 13:16
S18 0	343	@ad<"20001122" and (disconnect\$4 or terminat\$5) near5 (reason\$1 or situation\$1 or scenario\$1 or trigger\$1 or condition\$1) and (throughput and idl\$3)	USPAT	OR	ON	2006/07/24 13:17
S18 1	374	@ad<"20001122" and (disconnect\$4 or terminat\$5) near5 (reason\$1 or situation\$1 or scenario\$1 or trigger\$1 or condition\$1) and (throughput and bandwidth)	USPAT	OR	ON	2006/07/24 13:18

## EAST Search History

S18 2	212	@ad<"20001122" and (disconnect\$4 or terminat\$5) near5 (reason\$1 or situation\$1 or scenario\$1 or trigger\$1 or condition\$1) and (throughput and bandwidth and idl\$3)	USPAT	OR	ON	2006/07/24 13:18
S18 3	179	@ad<"20001122" and (disconnect\$4 or terminat\$5) near5 (reason\$1 or situation\$1 or scenario\$1 or trigger\$1 or condition\$1) and (throughput and bandwidth and idl\$3 and users)	USPAT	OR	ON	2006/07/24 13:18
S18 4	179	@ad<"20001122" and (disconnect\$4 or terminat\$5) near5 (reason\$1 or situation\$1 or scenario\$1 or trigger\$1 or condition\$1) and (throughput and bandwidth and idl\$3 and users and time)	USPAT	OR	ON	2006/07/24 13:18
S18 5	23	@ad<"20001122" and (disconnect\$4 or terminat\$5) near5 (reason\$1 or situation\$1 or scenario\$1 or trigger\$1 or condition\$1) and (throughput and bandwidth and idl\$3 and number and "connection time")	USPAT	OR	ON	2006/07/24 13:19
S18 6	23	@ad<"20001122" and (disconnect\$4 or terminat\$5) near5 (reason\$1 or situation\$1 or scenario\$1 or trigger\$1 or condition\$1) and (throughput and bandwidth and idl\$3 and users and "connection time")	USPAT	OR	ON	2006/07/24 13:21
S18 7	20	@ad<"20001122" and (disconnect\$4 or terminat\$5) near5 (reason\$1 or situation\$1 or scenario\$1 or trigger\$1 or condition\$1) and (throughput and bandwidth and idl\$3 and users and "connection time" and "time out")	USPAT	OR	ON	2006/07/24 13:24
S18 8	65	@ad<"20001122" and ((disconnect\$4 or terminat\$5) near5 (reason\$1 or situation\$1 or scenario\$1 or trigger\$1 or condition\$1)) and ("connection time" and "time out")	USPAT	OR	ON	2006/07/24 13:27
S18 9	124	@ad<"20001122" and ((disconnect\$4 or terminat\$5) near5 (caller or user or terminal or client)) and ("connection time" and "time out")	USPAT	OR	ON	2006/07/24 13:27

## EAST Search History

S19 0	1	@ad<"20001122" and ((disconnect\$4 or terminat\$5) near5 (caller or user or terminal or client)) near5 ("connection time" and "time out")	USPAT	OR	ON	2006/07/24 13:28
S19 3	90	@ad<"20001122" and ((disconnect\$4 or terminat\$5 or ("log off")) near5 (caller or user or terminal or client)) near5 ("time out")	USPAT	OR	ON	2006/07/24 13:30
S19 6	18	@ad<"20001122" and (((disconnect\$4 or terminat\$5 or ("log off")) near5 (caller or user or terminal or client)) near5 ("time out")) and bandwidth	USPAT	OR	ON	2006/07/24 13:31
S19 7	8	("5493670"   "5668857"   "5903642"   "5903721"   "5933490"   "6009161"   "6201830"   "6332161").PN. OR ("6487596"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/24 13:34
S19 9	2	disconnect\$5 with idl\$3 with bandwidth	USPAT	OR	ON	2006/07/24 14:01
S20 0	1	"6212563".pn.	USPAT	OR	ON	2006/07/24 14:01
S20 1	35	disconnect\$5 same idl\$3 same bandwidth	USPAT	OR	ON	2006/07/24 14:04
S20 2	82	@ad<"20001122" and ((disconnecting or disconnection or disconnect or terminating or termination or terminate) same connect\$5 same (reason or condition or state) same (ISP or "Internet Service Provider" or "modem pool"))	US-PGPUB; USPAT	OR	ON	2007/04/11 11:26
S20 3	1105	((disconnecting or disconnection or disconnect or terminating or termination or terminate) same connect\$5 same (ISP or "Internet Service Provider" or "modem pool"))	US-PGPUB; USPAT	OR	ON	2007/04/11 10:11
S20 4	134	((disconnecting or disconnection or disconnect or terminating or termination or terminate) same connect\$5 same (reason\$1 or state\$1) same (ISP or "Internet Service Provider" or "modem pool"))	US-PGPUB; USPAT	OR	ON	2007/04/11 10:11

## EAST Search History

S20 5	8723	((disconnecting or disconnection or disconnect or terminating or termination or terminate) same connect\$5 same (reason\$1 or state\$1) same (client or terminal or user))	US-PGPUB; USPAT	OR	ON	2007/04/11 10:12
S20 6	5044	@ad<"20001122" and ((disconnecting or disconnection or disconnect or terminating or termination or terminate) same connect\$5 same (reason\$1 or state\$1) same (client or terminal or user))	US-PGPUB; USPAT	OR	ON	2007/04/11 10:12
S20 7	124	((disconnecting or disconnection or disconnect or terminating or termination or terminate) same connect\$5 same (reason\$1 or state\$1) same (client or terminal or user) same ("packet size" or "packet count" or "traffic volume" or (time adj out)))	US-PGPUB; USPAT	OR	ON	2007/04/11 10:14
S20 8	58	@ad<"20001122" and ((disconnecting or disconnection or disconnect or terminating or termination or terminate) same connect\$5 same (reason\$1 or state\$1) same (client or terminal or user) same ("packet size" or "packet count" or "traffic volume" or (time adj out)))	US-PGPUB; USPAT	OR	ON	2007/04/11 11:11
S20 9	338	((disconnecting or disconnection or disconnect or terminating or termination or terminate) same ("packet size" or "packet count" or "traffic volume"))	US-PGPUB; USPAT	OR	ON	2007/04/11 10:25
S21 0	122	@ad<"20001122" and ((disconnecting or disconnection or disconnect or terminating or termination or terminate) same ("packet size" or "packet count" or "traffic volume"))	US-PGPUB; USPAT	OR	ON	2007/04/11 10:26
S21 1	2	@ad<"20001122" and ((disconnecting or disconnection or disconnect or terminating or termination or terminate) same connect\$5 same (reason\$1 or state\$1) same (client or terminal or user) same ("packet size" or "packet count" or "traffic volume"))	US-PGPUB; USPAT	OR	ON	2007/04/11 10:26



## EAST Search History

S21 2	8	((disconnecting or disconnection or disconnect or terminating or termination or terminate) same connect\$5 same (reason\$1 or state\$1) same (client or terminal or user) same ("packet size" or "packet count" or "traffic volume"))	US-PGPUB; USPAT	OR	ON	2007/04/11 10:34
S21 3	2	((disconnect\$3 or terminat\$3) same ((monitor\$3 or track\$3) adj parameter\$1) same("packet size" or "packet count" or "traffic volume"))	US-PGPUB; USPAT	OR	ON	2007/04/11 11:02
S21 4	7	((monitor\$3 or track\$3) adj parameter\$1) same ("packet size" or "packet count" or "traffic volume"))	US-PGPUB; USPAT	OR	ON	2007/04/11 10:37
S21 5	344	@ad<"20001122" and 709/223,224, 225,226,227,228,229.ccls. and ((disconnect\$3 or terminat\$3) adj connect\$5)	US-PGPUB; USPAT	OR	ON	2007/04/11 10:38
S21 6	11	@ad<"20001122" and 709/223,224, 225,226,227,228,229.ccls. and (((disconnect\$3 or terminat\$3) adj connect\$5) same ("packet size" or "packet count" or "traffic volume" or (time adj out)))	US-PGPUB; USPAT	OR	ON	2007/04/11 10:39
S21 7	5	("6026440"   "6236332"   "6505201"   "6795856").PN. OR ("7020082"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/11 10:40
S21 8	52	("5063523"   "5109486"   "5210795"   "5434994"   "5530852"   "5550968"   "5555377"   "5560008"   "5594227"   "5621892"   "5634008"   "5696701"   "5729472"   "5751964").PN. OR ("6026440"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/11 10:48
S21 9	2	((disconnect\$3 or terminat\$3) same ((monitor\$3 or track\$3) adj parameter\$1) same ("packet size" or "packet count" or "traffic volume"))	US-PGPUB; USPAT	OR	ON	2007/04/11 11:13
S22 0	7	((monitor\$3 or track\$3) adj parameter\$1) same ("packet size" or "packet count" or "traffic volume"))	US-PGPUB; USPAT	OR	ON	2007/04/11 11:03
S22 1	517	@ad<"20001122" and ((monitor\$3 or track\$3) same ("packet size" or "packet count" or "traffic volume"))	US-PGPUB; USPAT	OR	ON	2007/04/11 11:04

## EAST Search History

S22 2	78	@ad<"20001122" and 709/223,224, 225,226,227,228,229.ccls. and ((monitor\$3 or track\$3) same ("packet size" or "packet count" or "traffic volume"))	US-PGPUB; USPAT	OR	ON	2007/04/11 11:09
S22 3	3	((monitor\$3 or track\$3) same ("packet size" or "packet count" or "traffic volume") same (disconnect\$3 or terminat\$3 or end) adj (connect\$5 or session))	US-PGPUB; USPAT	OR	ON	2007/04/11 11:11
S22 4	64	@ad<"20001122" and ((disconnecting or disconnection or disconnect or terminating or termination or terminate) same (connect\$5 or session) same (reason\$1 or state\$1) same (client or terminal or user) same ("packet size" or "packet count" or "traffic volume" or (time adj out)))	US-PGPUB; USPAT	OR	ON	2007/04/11 14:45
S22 5	10	@ad<"20001122" and (((disconnect\$3 or terminat\$3) adj (reason or condition or state)) same (user or terminal or client) same ("packet size" or "packet count" or "traffic volume" or (time adj out)))	US-PGPUB; USPAT	OR	ON	2007/04/11 11:17
S22 6	952	@ad<"20001122" and (((disconnect\$3 or terminat\$3)) same (user or terminal or client) same ("packet size" or "packet count" or "traffic volume" or (time adj out)))	US-PGPUB; USPAT	OR	ON	2007/04/11 11:18
S22 7	19	Nomadix.as.	US-PGPUB; USPAT	OR	ON	2007/04/11 11:23
S22 8	2102	@ad<"20001122" and ((disconnect\$3 or terminat\$3 or end\$3) same connect\$5 same (ISP or "Internet Service Provider" or "Service Provider" or "modem pool"))	US-PGPUB; USPAT	OR	ON	2007/04/11 11:27
S22 9	151	@ad<"20001122" and ((disconnect\$3 or terminat\$3 or end\$3) same connect\$5 same (condition or reason) same (ISP or "Internet Service Provider" or "Service Provider" or "modem pool"))	US-PGPUB; USPAT	OR	ON	2007/04/11 11:28

## EAST Search History

S23 0	9	@ad<"20001122" and ((disconnect\$3 or terminat\$3 or end\$3) same connect\$5 same (condition or reason) same (ISP or "Internet Service Provider" or "Service Provider" or "modem pool") same resource\$1)	US-PGPUB; USPAT	OR	ON	2007/04/11 11:30
S23 1	199	@ad<"20001122" and ((disconnect\$3 or terminat\$3 or end\$3) same connect\$5 same (ISP or "Internet Service Provider" or "Service Provider" or "modem pool") same resource\$1)	US-PGPUB; USPAT	OR	ON	2007/04/11 11:30
S23 2	8	@ad<"20001122" and ((disconnect\$3 or terminat\$3 or end\$3) same connect\$5 same (ISP or "Internet Service Provider" or "Service Provider" or "modem pool") same (free\$3 same resource\$1))	US-PGPUB; USPAT	OR	ON	2007/04/11 11:32
S23 3	174	@ad<"20001122" and (((("Quality of Service" or QoS) or (SLA or "Service Level Agreement"))) same resource same ((disconnect\$3 or terminat\$3 or end\$3) same connect\$5))	US-PGPUB; USPAT	OR	ON	2007/04/11 13:59
S23 4	5	@ad<"20001122" and (((("Quality of Service" or QoS) or (SLA or "Service Level Agreement"))) same resource same ((disconnect\$3 or terminat\$3 or end\$3) same connect\$5)).ab.	US-PGPUB; USPAT	OR	ON	2007/04/11 13:25
S23 5	19	Albers.as.	US-PGPUB; USPAT	OR	ON	2007/04/11 13:25
S23 6	30	@ad<"20001122" and ((usage adj restriction\$1) same (profile or user or client or terminal))	US-PGPUB; USPAT	OR	ON	2007/04/11 13:42
S23 7	3	@ad<"20001122" and ((usage adj restriction\$1) same (profile or user or client or terminal) same (disconnect\$3 or terminat\$3 or end\$3))	US-PGPUB; USPAT	OR	ON	2007/04/11 13:50
S23 8	32	@ad<"20001122" and ((profile or user or client or terminal) same (disconnect\$3 or terminat\$3 or halt\$3) same ("packet size" or "packet count" or "traffic volume"))	US-PGPUB; USPAT	OR	ON	2007/04/11 13:54
S23 9	18	("4791565"   "5621787"   "5673315"   "5708709"   "5716273"   "5743743"   "5883954"   "5907831"   "5940504"   "5983196"   "6113495"   "6502079").PN. OR ("6678824").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/11 13:55

## EAST Search History

S24 0	83	@ad<"20001122" and (((("Quality of Service" or QoS) or (SLA or "Service Level Agreement")) same restriction\$1)	US-PGPUB; USPAT	OR	ON	2007/04/11 14:20
S24 1	5	@ad<"20001122" and (((("Quality of Service" or QoS) or (SLA or "Service Level Agreement")) same resource\$1 same restriction\$1)	US-PGPUB; USPAT	OR	ON	2007/04/11 14:06
S24 2	15	("5517494"   "5719942"   "5742772"   "5745694"   "5748892").PN. OR ("6038214").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/11 14:01
S24 3	45	("4481583"   "4642758"   "5115430"   "5132966"   "5153877"   "5282202"   "5315586"   "5381413"   "5414697"   "5428778"   "5428789"   "5526350"   "5548506"   "5581703"   "5596576"   "5673253"   "5724659"   "5731805"   "5734909"   "5742594"   "5802301"   "5826031"   "5838968"   "5870629"   "5903735"   "5926481"   "5943046"   "5983261"   "5987518"   "6011804"   "6018659"   "6023456"   "6038214"   "6047322"   "6055577"   "6097882"   "6125396"   "6141322"   "6195362"   "6324184"   "6396816"   "6578077").PN. OR ("6968379").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/11 14:04
S24 4	162	@ad<"20001122" and (((("Quality of Service" or QoS) or (SLA or "Service Level Agreement")) same resource\$1 same reserv\$5 same (profile or user or client or terminal))	US-PGPUB; USPAT	OR	ON	2007/04/11 14:07
S24 5	18	@ad<"20001122" and (((("Quality of Service" or QoS) or (SLA or "Service Level Agreement")) same resource\$1 same reserv\$5 same (profile or user or client or terminal) same (disconnect\$3 or terminat\$3 or halt\$3))	US-PGPUB; USPAT	OR	ON	2007/04/11 14:07
S24 6	41	("5534913"   "5659350"   "5764641"   "5799002"   "5953506"   "6016388"   "6038216"   "6078564"   "6078953"   "6085241"   "6125177"   "6137777"   "6154776"   "6160797"   "6222856"   "6249530"   "6292465"   "6411616").PN. OR ("6473793").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/11 14:15

## EAST Search History

S24 7	20	@ad<"20001122" and (((("Quality of Service" or QoS) or (SLA or "Service Level Agreement")) same restriction\$1 same (profile or user or client or terminal))	US-PGPUB; USPAT	OR	ON	2007/04/11 14:31
S24 8	21	@ad<"20001122" and (((different or separate) adj (time adj out)) same (profile or user or client or terminal))	US-PGPUB; USPAT	OR	ON	2007/04/11 14:44
S24 9	49	@ad<"20001122" and (((different or separate) adj ((time adj out) or (throughput))) same (profile or user or client or terminal))	US-PGPUB; USPAT	OR	ON	2007/04/11 14:54
S25 0	98	@ad<"20001122" and ((disconnecting or disconnection or disconnect or terminating or termination or terminate) same (connect\$5 or session) same (reason\$1 or state\$1 or criteri\$2 or condition) same (client or terminal or user) same ("packet size" or "packet count" or "traffic volume" or (time adj out)))	US-PGPUB; USPAT	OR	ON	2007/04/11 14:45
S25 1	118	@ad<"20001122" and ((disconnect\$3 or terminat\$3) same (connect\$5 or session) same (reason\$1 or state\$1 or criteri\$2 or condition) same (client or terminal or user) same ("packet size" or "packet count" or "traffic volume" or (time adj out)))	US-PGPUB; USPAT	OR	ON	2007/04/11 14:46
S25 2	9	@ad<"20001122" and ((different or separate) adj (disconnect\$4 or terminat\$3 or halt\$3) adj (condition\$1 or threshold\$1 or event\$1 or trigger\$1 or criteri\$4))	US-PGPUB; USPAT	OR	ON	2007/04/11 14:56
S25 3	58	((different or separate) adj (disconnect\$4 or terminat\$3 or halt\$3) adj (condition\$1 or threshold\$1 or event\$1 or trigger\$1 or criteri\$4))	US-PGPUB; USPAT	OR	ON	2007/04/11 15:20
S25 4	7	((("Quality of Service" or QoS) or (SLA or "Service Level Agreement")) and ((different or separate) adj (disconnect\$4 or terminat\$3 or halt\$3) same (condition\$1 or threshold\$1 or event\$1 or trigger\$1 or criteri\$4))	US-PGPUB; USPAT	OR	ON	2007/04/11 15:21

## EAST Search History

S25 5	134	@ad<"20001122" and 709/223,224, 225,226,227,228,229.ccls. and (((("Quality of Service" or QoS) or (SLA or "Service Level Agreement")) and ((disconnect\$4 or terminat\$3 or halt\$3) same (condition\$1 or threshold\$1 or event\$1 or trigger\$1 or criteri\$4)))	US-PGPUB; USPAT	OR	ON	2007/04/11 15:23
S25 6	74	@ad<"20001122" and 709/223,224, 225,226,227,228,229.ccls. and (((("Quality of Service" or QoS) or (SLA or "Service Level Agreement")) and ((disconnect\$4 or terminat\$3 or halt\$3) with (condition\$1 or threshold\$1 or event\$1 or trigger\$1 or criteri\$4)))	US-PGPUB; USPAT	OR	ON	2007/04/11 15:23